

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 March 2004 (18.03.2004)

PCT

(10) International Publication Number
WO 2004/021920 A1

(51) International Patent Classification⁷:

A61C 9/00

(74) Agent: LEE, Byung-Il; 21-22 Daebong-Idong, Jung-gu,
Daegu 700-431 (KR).

(21) International Application Number:

PCT/KR2002/001959

(81) Designated States (*national*): AT, AU, CA, CN, DE, GB,
JP, US.

(22) International Filing Date: 19 October 2002 (19.10.2002)

(25) Filing Language:

English

(84) Designated States (*regional*): European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT,
LU, MC, NL, PT, SE, SK, TR).

(26) Publication Language:

English

(30) Priority Data:

2002-0054213 9 September 2002 (09.09.2002) KR

Published:

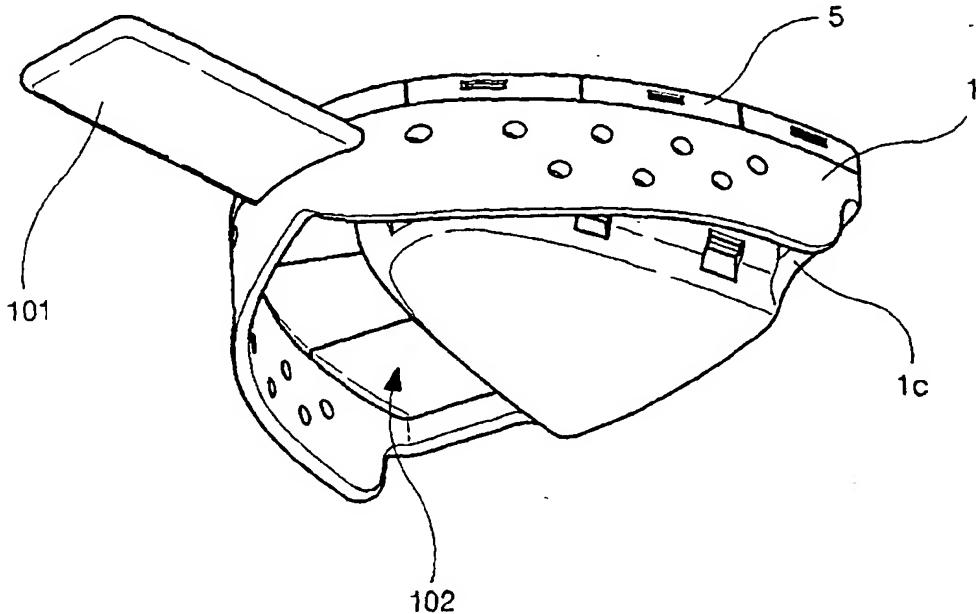
— with international search report

(71) Applicant and

(72) Inventor: YE, Dong-Hae [KR/KR]; 682-25, Pyu-gri-3dong, Seo-Gu, Daegu 703-840 (KR).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DENTAL TRAY



WO 2004/021920 A1

(57) **Abstract**—The present invention relates to an improved dental tray used in patterning a diseased tooth, and more particularly to a dental ray for implant treatment. The dental tray is characterized in that a tray main body (1) provided with a knob (101) is made of aluminum, a molding part (102) formed along the gum is opened except to a connection portion (1c), a protrusion and a bridging recess (3) are formed along the both side walls 1a and (1b) of the opened portion, a molding groove is formed by coating a connection segment (5) made of a transparent synthetic resin with a designated width and provided with a bridging groove (503) and a bridging recess (504) formed on the both connection protions (501 and 502).